

Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B. Pharm Degree Examination – 09-Jan-2020

Time: Three Hours**Max. Marks: 70 Marks****PHARMACOLOGY AND TOXICOLOGY****(RS – 4)****Q.P. CODE: 2643**

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAYS (Answer any Two)**2 x 10 = 20 Marks**

1. Classify antidepressants with examples. Write the Pharmacology of imipramine
2. Name the causative organisms of malaria. Classify antimalarials with examples. Write the mechanism of action, adverse effects and therapeutic effects of chloroquine.
3. What are cephalosporins? Classify them with examples. Write the antimicrobial spectrum, mechanism of action, adverse reactions and therapeutic uses of cefatoxime.

SHORT ESSAYS (Answer any Six)**6 x 5 = 30 Marks**

4. What measures to be taken to overcome the morphine addiction?
5. What are antiemetics? Write the pharmacology of domperidon.
6. Write about MOPP regimen.
7. Write the pharmacology of methotrexate.
8. Define analgesic, anti-inflammatory and antipyretics. Give two examples of drugs in each class.
9. What are extra pyramidal side effects?
10. Write the principles and methodology involved in the phase I clinical trials.
11. Write the pharmacological actions and adverse effects of local anaesthesia.

SHORT ANSWERS**10 x 2 = 20 Marks**

12. Classify the bioassay and with one example each.
13. What is NDA?
14. Name any four anxiolytics.
15. Name four opioid antagonists.
16. What is cinchonism?
17. Name any two drugs used in leukaemia
18. What is zero phase clinical trial?
19. What are lincosamides?
20. What are sign and symptoms of pesticides poisoning?
21. Mention the uses of doxycycline.
